

Amendments to the Specification

Please amend the Abstract as follows. A new Abstract on a separate sheet has also been provided.

ABSTRACT OF THE DISCLOSURE

~~A method for cleaning an apparatus using~~ A monitoring apparatus for operating a clean-in-place system is disclosed. The clean-in-place system is in fluid communication with an inlet and an outlet of the apparatus. ~~In the method, a cleaning~~ A cleaning composition having a measurable physical property (e.g., pH) is supplied from a cleaner tank into the inlet of the apparatus for a first period of time. A rinsing composition having the measurable physical property at a second measured value is then supplied from a rinse tank into the inlet of the apparatus for a second period of time. The measurable physical property is sensed versus time for fluids exiting the outlet of the apparatus, and a circulation time of the cleaning composition is determined. A closing time for a return valve of the cleaner tank is then determined for the instant and subsequent cleaning cycles such that minimal rinsing composition enters the cleaner tank ~~during the subsequent cleaning cycle.~~

Please amend the Title as follows.

TITLE

Monitoring Device ~~And Method~~ For Operating Clean-In-Place System

Please amend the Specification as follows.

[0024] The high solids tank 20, the recovery tank 30, the caustic tank 40, the acid tank 50 and the rinse tank 60 are placed in fluid communication in the clean-in-place

system 10 and with the apparatus 14 by way of various conduits and valves. The clean-in-place system 10 includes a fluid supply conduit 16 that is connected to an inlet 15 of the apparatus 14. The fluid supply conduit 16 of the clean-in-place system 10 is also connected to the recovery tank 30, the caustic tank 40, the acid tank 50 and the rinse tank 60 through a recovery supply valve 34, a caustic supply valve 44, an acid supply valve 54 and a rinse supply valve 64, respectively. The fluid supply conduit 16 of the clean-in-place system 10 is also connected to an air source 80 by way of an ~~air conduit~~ 85 air conduit 81, and to a sanitizer pump 84 by way of a ~~sanitizer conduit 81~~ sanitizer conduit 85. The sanitizer pump 84 provides a sanitizing composition to the fluid supply conduit 16 as described below.